

ABSTRACT OF THE DISCLOSURE

An aircraft trash management system including a trash bag, a trash compactor, a modified bilge drain valve and an improved control valve assembly. The trash bag has a porous bottom and non-porous sides. The bottom of the trash bag is impregnated with a non-leaching antibacterial and a leaching enzyme. The trash compactor has two chambers separated by a movable wall. One chamber is the compacting chamber and is sealable from ambient cabin pressure and the other chamber is always open to cabin pressure. The bottom of the compacting chamber is provided with an upper drain and a lower drain. The modified bilge valve provides a fluid path to the atmosphere outside the aircraft. The inventor also relates to a central valve assembly for simultaneous compacting and draining.